

# Figure 1

ATGAGGTCGCTTTTGTGGGCTTCGTTGCTTTGGGCGTGTGGCTGGGAGGGCGCTTGTTCGCCGGATGAGTTCCCGAGGATATTCAG 90  
M R S L L W A S L L S G V L A G R A L V S P D E F P E D I Q  
 TTGGAAGATCTGCTGGAAGGATCCCAACAGCTTGAGGACTTCGCCTATGCCTACCCCGAGCGCAATCGCGTCTTTGGTGGTAAAGCCCAC 180  
L E D L L E G S Q Q L E D F A Y A Y P E R N R V F G G K A H  
 GACGACACGGTTAACTATCTCTACGAGGAGCTGAAGAAGACTGGCTACTATGATGTCTACAAGCAGCCTCAGGTGCACCTGTGGAGCAAT 270  
 D D T V N Y L Y E E L K K T G Y Y D V Y K Q P Q V H L W S N  
 GCGGACCAGACGCTCAAGGTGGGCGATGAGGAAATCGAGGCGAAGACCATGACCTACAGTCCCAGCGTCGAGGTACCCGCCGATGTAGCC 360  
 A D Q T L K V G D E E I E A K T M T Y S P S V E V T A D V A  
 GTCGTCAAGAACCTGGGATGCAGCGAGGCGGATTACCCATCCGATGTCGAGGGCAAGGTCGCCCTGATCAAGCGTGGAGAATGCCCGTTC 450  
V V K N L G C S E A D Y P S D V E G K V A L I K R G E C P F  
 GGCGACAAGTCGGTTCTCGCTGCCAAAGCCAAGGCCGCGCTTCGATTGTCTATAACAATGTGGCCGGATCCATGGCGGGCACCTTGGC 540  
 G D K S V L A A K A K A A A S I V Y N N V A G S M A G T L G  
 GCGGCGCAGAGTGATAAGGGACCGTATTTCGGCATTGTGGTATCAGCTTGGAGGATGGCCAGAAGCTGATCAAGCTTGCTGAGGCTGGA 630  
 A A Q S D K G P Y S A I V G I S L E D G Q K L I K L A E A G  
 TCGGTATCTGTGGATCTGTGGGTGGATAGTAAGCAGGAGAACCGTACGACGTATAACGTTGTGCGCGAGACGAAGGGCGGCGATCCGAAC 720  
 S V S V D L W V D S K Q E N R T T Y N V V A Q T K G G D P N  
 AACGTCGTCGCGCTGGGTGGCCACACGGAAGTCAAGTCAAGGCGGGCCCTGGTATCAACGACGATGGCTCGGGCATTATTAGCAACTTGGTC 810  
 N V V A L G G H T D S V E A G P G I N D D G S G I I S N L V  
 ATTGCCAAAGCGCTCACGCAGTACTCCGTCAAGAATGCCGTGCGCTTCCTCTTCTGGACAGCAGAGGAGTTCGGTCTGCTGGGCAGCAAC 900  
 I A K A L T Q Y S V K N A V R F L F W T A E E F G L L G S N  
 TACTACGTCTCCCATCTGAATGCCACCGAGCTGAACAAGATCCGACTGTACCTGAACCTTCGACATGATCGCCTCACCTAACTACGCCCTC 990  
 Y Y V S H L N A T E L N K I R L Y L N F O M I A S P N Y A L  
 ATGATCTATGACGGTGATGGATCGGCGTTCAACCAGAGCGGACCGGCGGTTCCGCCAGATCGAGAAACTGTTTCGAGGACTACTACGAC 1080  
 M I Y D G D G S A F N Q S G P A G S A Q I E K L F E D Y Y D  
 TCCATCGACCTGCCTCATATCCCCACCCAGTTTGACGGACGTTCCGACTACGAGGCCTTTATCCTGAACGGCATTCCGTCCGGTGGACTC 1170  
 S I D L P H I P T Q F D G R S D Y E A F I L N G I P S G G L  
 TTCACGGGCGCGGAGGGCATCATGTCCGAAGAGAACGCAAGCCGCTGGGGAGGTCAAGCCGGCGTGGCCTACGACGCCAACTACCACGCC 1260  
 F T G A E G I M S E E N A S R W G G Q A G V A Y D A N Y H A  
 GCGGGAGACAACATGACCAACCTCAACCATGAAGCCTTCCTGATCAACTCCAAAGCCACCGCCTTCGCCGTCGCCACCTACGCCAACGAC 1350  
 A G D N M T N L N H E A F L I N S K A T A F A V A T Y A N D  
 CTCTCCTCGATCCCCAAACGGAATACCACATCCTCCTTGACCGACGAGCCCGCACCATGCGACCATTTCGGCAAGAGAGCTCCGAAGACA 1440  
 L S S I P K R N T T S S L H R R A R T M R P F G K R A P K T  
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 H A H V S G S G C W H S Q V E A

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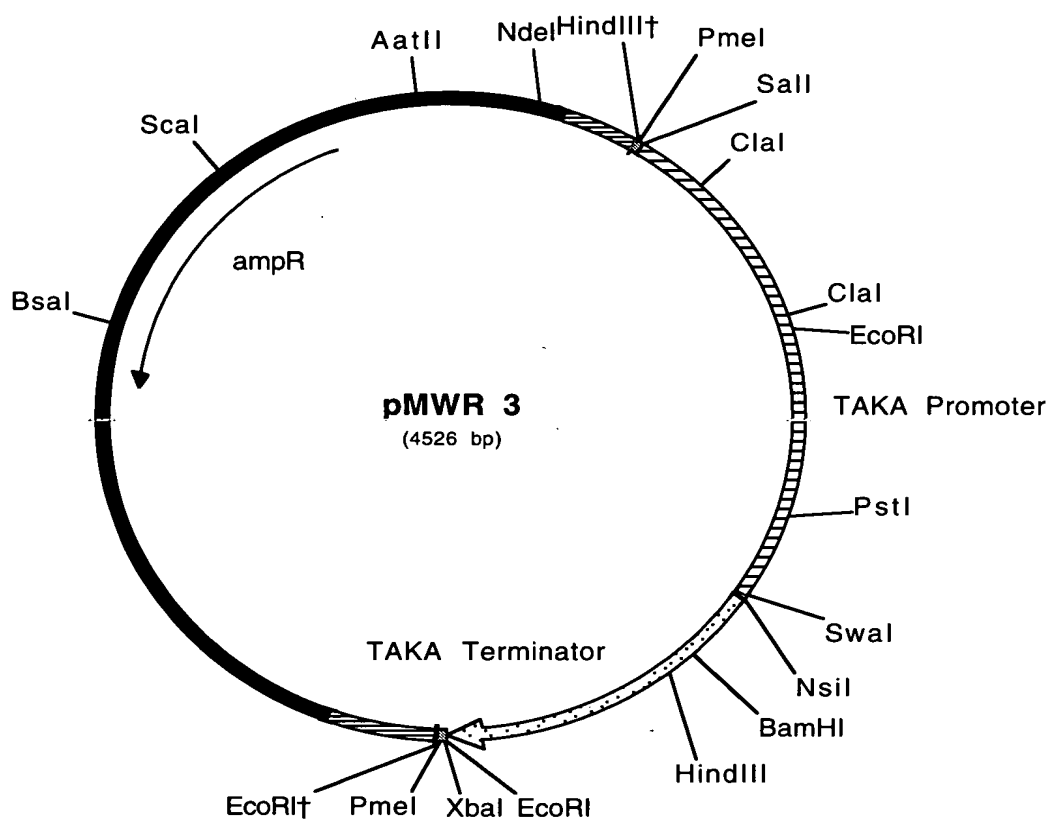


Fig. 2

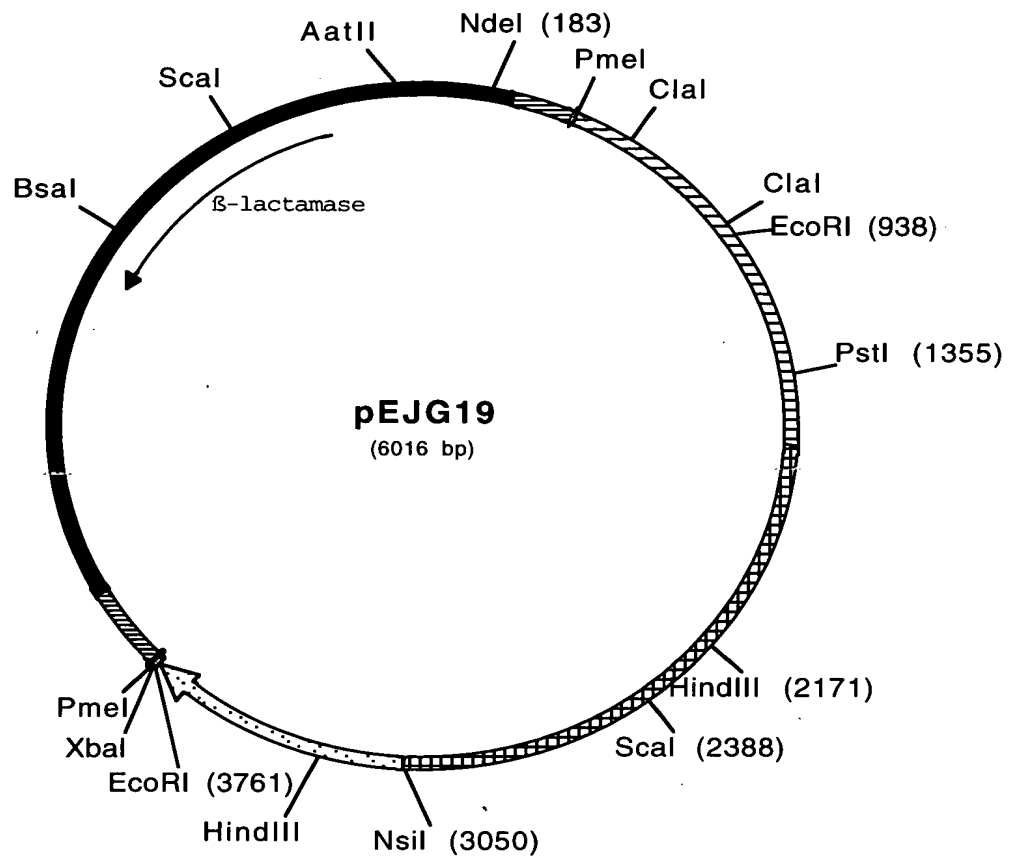


Fig. 3

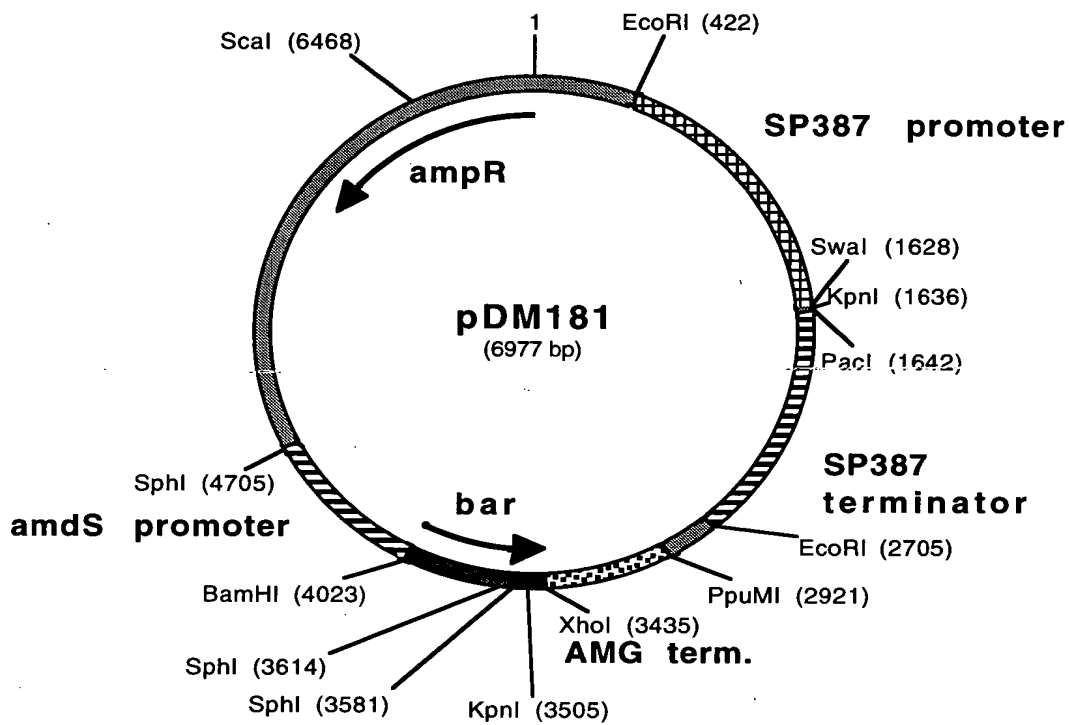


Fig. 4

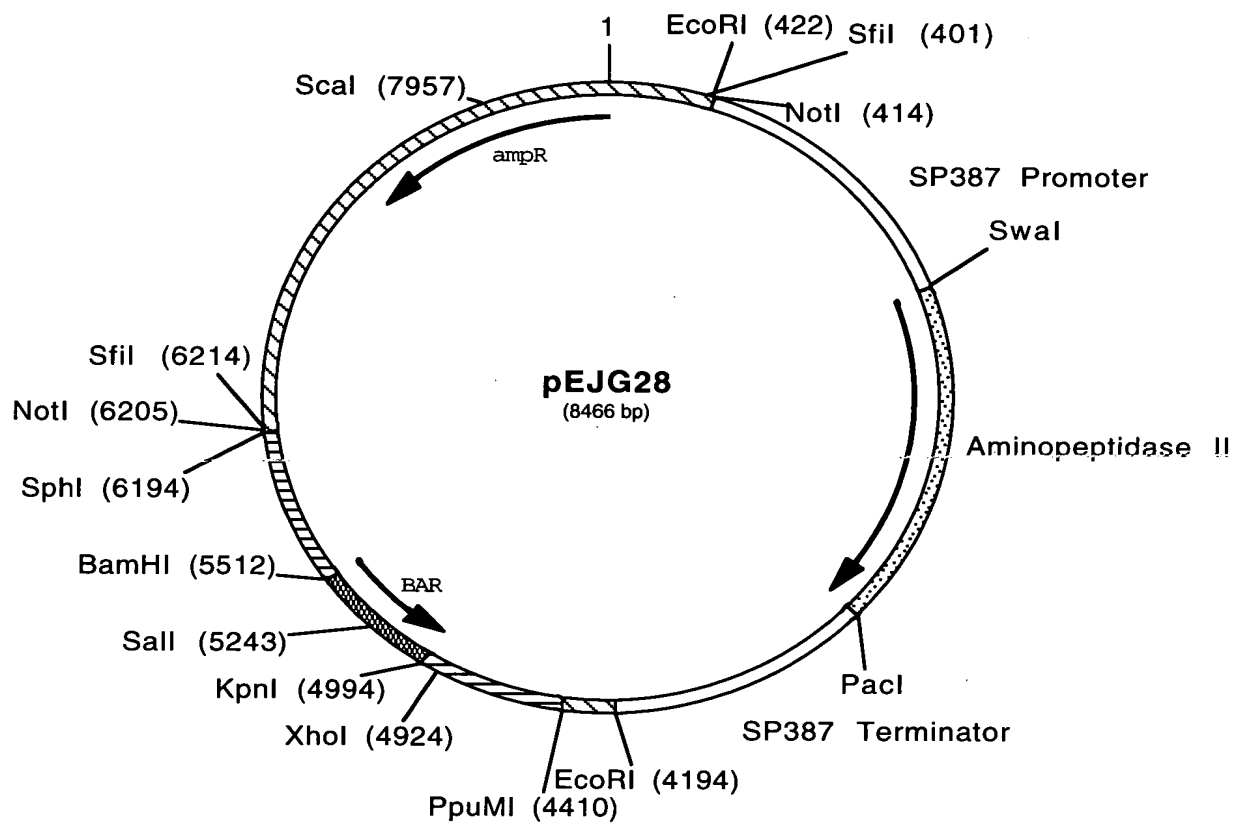


Fig. 5

09080127 051538 865T50 2108060